

WEATHER REPORT . . .

SAN FRANCISCO, May 14.—Northern California, fair tonight and Tuesday; light northerly wind.
San Francisco and vicinity: Fair tonight and Tuesday with fog in the afternoon, fresh westerly wind.

Oakland

VOL. LIII.

OAKLAND, CALIFOR.

MISS MAUD MORRELL SAYS THAT SHE IS NOT GUILTY.

Telegraphs the "Tribune" from Bakersfield that She Made a Confession While a Pistol was Held at her Head—Declares that Her Accuser is Insane—Defends Her Character.

(Special to The Tribune.)

BAKERSFIELD, Cal., May 14.—Editor TRIBUNE:—I have known Mr. Vroom for two years, he having been a member of the Modjeska Company at the same time as myself.

Last summer I was a member of the Vroom Addison Company traveling with him and his wife through California.

During the past two months I boarded in San Francisco at 927 Geary street.

Some of the time one of my sisters was with me. I was endeavoring to secure an engagement with one of the stock companies.

Mr. Vroom called upon me and gave me his advice and assistance.

He met my sisters and brother-in-law and enjoyed their respect and esteem.

I had not seen Mrs. Vroom until she came to my room one morning and utterly to my surprise commenced to abuse and choke me.

She had a pistol and threatened to kill me.

WITH THE PISTOL AT MY HEAD AND UNDER THREAT TO KILL ME SHE COMPELLED ME TO SIGN TWO OR THREE PAPERS, THE IMPORT OF WHICH WAS VILE AND NOT JUSTIFIED BY ANY RELATIONS EXISTING BETWEEN MR. VROOM AND MYSELF.

After her attack I left my room and went to my sister's in Oakland and later came to Bakersfield.

All the reports in San Francisco papers are based upon Mrs. Vroom's statements.

In so far as they state that Mr. Vroom and myself were more than friends they are utterly false.

I believe that Mrs. Vroom is insane.

I can offer no other explanation of her actions.

MAUD MORRELL.

12:10 P. M.

ACTOR DEFENDS MISS MAUD MORRELL.

(Special to the Tribune.)

BAKERSFIELD, May 14.—Editor TRIBUNE:—I was a member of the Vroom Addison Company, and am as friendly to Mr. and Mrs. Vroom as I am to Miss Morrell.

I have never met any young woman either on or off the stage for whom I have a more sincere respect than I have for Miss Morrell.

I have seen much of the inside life of Mr. and Mrs. Vroom and can only come to one conclusion.

Mrs. Vroom is of an exceedingly high



MISS MAUD MORRELL.

strung and sensitive nature, so that at times and on one subject alone she was very tragic, bordering on the insane.

Many times on the road particularly at Redding and Sacramento she became so violent that it was almost impossible to control her.

I am certain that Mrs. Vroom was jealous without cause.

Miss Morrell was no more to Vroom than she was to all—a good friend.

The whole affair so publicly scandalized is the result of a highly strung nature.

The hallucinations she labored under were unreal, and while I realize the great wrong that has been done to Miss Morrell, I feel that Mrs. Vroom was not entirely responsible for her actions.

BERNARD JAXON.

12:22 p. m.

EDITOR DEFENDS MAUD MORRELL.

(Special to The Tribune.)

BAKERSFIELD, May 14.—Editor TRIBUNE:—No breath of suspicion was ever attached to Miss Maud Morrell's name in this community, where she has lived from childhood.

Her friends here place implicit confidence in her version of the story and are fully convinced of her integrity.

ALFRED HARRELL,
Editor of The Californian.

MISS MORRELL MADE A FULL CONFESSION.

The disclosures relative to Miss Maude Morrell, which have grown out of the attempt of Mrs. Grace Addison Vroom to

which had come from an infected port. The patient is not at present dangerously ill and the physicians are hopeful that the case will prove a very mild one. Dr. James P. Dunn examined the case this afternoon and also pronounced it smallpox.

FAVORABLE REPORT ON THE CANAL BILL.

Associated Press Dispatches by The Tribune's Special Leased Wire.
WASHINGTON, May 14.—The Senate Committee on Inter-Oceanic Canals today ordered a favorable report on the Nicaragua canal bill as it passed the House. Only five members of the committee were present. A motion was made to report the bill, and without debate the vote was taken, Senators Morgan, McBride, Harris and Turner voting in the affirmative and Senator Hanna in the negative.

INHERITANCE TAX LAW VALID.

Associated Press Dispatches by The Tribune's Special Leased Wire.
WASHINGTON, May 14.—The Supreme Court today decided the inheritance tax law to be constitutional and valid, but held that it applied to the amount of the legacy and not to the estate as a whole.

Plague in Egypt.

Associated Press Dispatches by The Tribune's Special Leased Wire.
FORT SAID, May 14.—So far there have been twenty cases of bubonic plague here. Of this number thirteen have died, four have recovered and the rest are still under treatment. No further cases have been reported.

murder her husband last Tuesday afternoon in San Francisco, have created a decided sensation in local social circles. It was because Miss Morrell confessed that she had been living with Frederic Vroom for the last three months that Mrs. Vroom shot him.

Maude Morrell was a society belle five years ago. As an amateur she made a success in "Held by the Enemy," in "Rosedale" and in the Reliance Club's "7-20-8," appearing with Grace Dorothea Fisher, who afterward joined the Modjeska Company, and with Daisy Belle Sharp, who abandoned a stage career to become an Oakland bride. Miss Morrell's reputation was an excellent one, and the story of her downfall has shocked her many admirers on both sides of the bay. In January, 1896, she made her professional debut at the Columbia Theater in San Francisco, as Margery Knox in "Men and Women," which was presented by the Frawleys. Later she joined the Modjeska Company, and it was there that she met Vroom.

The shooting of Vroom Tuesday was the result of his wife's jealousy. She had grown suspicious of him and had employed a detective, who had reported that the actor frequently called at Miss Morrell's apartments at 907 Geary street in San Francisco. Mrs. Vroom then called upon Miss Morrell, found one of her husband's night dresses in the room and forced a confession from Miss Morrell. She then confronted her husband in the office of the Cape Nome Company, near the Palace Hotel, with the story of his treachery, and when he struck her she shot him in the back. The wound, however, was not a serious one, and it is supposed that he left the next day for Seattle, where he will take the steamer for Cape Nome.

Saturday afternoon Mrs. Vroom gave herself up at the City Prison in San Francisco, and she was released on \$25 bail. It is not believed, however, that anybody will appear to prosecute her. Since the shooting Miss Morrell has gone to her old home at Bakersfield. Mrs. Vroom Saturday night closed an engagement at the Dewey Theater in this city.

It is charged that Miss Morrell cooked for the actor on a gas stove in her room. He was known at her lodgings as Mr. Van Cranigan.

Mrs. Vroom secured a full confession from Miss Morrell in addition to the following promises:

"I will see Mr. Vroom no more."
"MAUD MORRELL."

There came near being something of literal prophecy in this, for it was about twenty minutes later that the indignant wife fired the two shots at the man whom Miss Morrell renounced. A second and more elaborate promise was demanded, and then Miss Morrell wrote as follows:

"I will have no further acquaintance nor see Mr. Vroom again; nor will I write to him."
MAUD MORRELL.

"Give 7, 1500."
May assurance that she would entirely abandon her original plan of killing Miss Morrell, Mrs. Vroom went directly to the Cape Nome Company's office at 10 Annie street, where she shot her husband.

Miss Morrell is a sister of Mrs. Fore, the well known society woman and wife of Charles W. Fore of the wine firm of Spruance, Stanley & Co.

SMALLPOX IN EAST OAKLAND.

The Health Office is at Work on the Case.

A well defined case of smallpox in this city was reported this morning to the Health Office by Dr. W. D. Porter. The case is that of Herbert Solomon, the 19-year-old son of A. Solomon of 1401 Eight avenue, East Oakland. The young man has been slightly ill for the last two days, but the family, thinking it was an attack of the grip, failed to call a physician. This morning slight eruptions appeared on the patient's skin and Dr. Porter was called in. He diagnosed the case as smallpox and immediately notified the Health Office. Every precaution has been taken to prevent the spread of the disease. The father, who has once had the smallpox, has taken direct charge of the case, and all the other members of the family have been vaccinated. Two children who were attending the Franklin School were immediately taken out and the whole family have been quarantined. Young Solomon has been in the employ of the Pacific Mail Steamship Company and it is supposed that he contracted the disease through handling some package

WELCOME TO BOER ENVOYS.

They Will Be Given the Freedom of New York City.

NEW YORK, May 14.—The Boer peace delegation is due here today on the steamship Maasdam, and the committee representing the city which was appointed for that purpose went down to meet the visitors. On the steamer John Van Housen will make an address of welcome, and when the Maasdam makes her dock the peace envoys will be met by the executive committee of the committee and the committees of Aldermen and Common Council of New York.

Tomorrow they will have the freedom of the city conferred upon them by Mayor Van Wyck, and the municipal assembly will present the resolutions of sympathy with the Boer cause that it has adopted.

Will Visit Seattle.

Supervisor John Mitchell this morning obtained permission from the board to leave the State for two weeks. He will take a pleasure trip to Seattle, where he will bid adieu to several friends who are bound for Cape Nome.

BAD DAY FOR MRS. CRAVEN.

Strong Testimony for Senator Fair's Heirs.

Associated Press Dispatches by
The Tribune's Special Leased Wire.
SAN FRANCISCO, May 14.—The sworn statement of H. N. Bryant that he borrowed \$50 from James G. Fair in June, 1892, for Miss June Payne was emphatically denied by that woman in Judge Bryant's court today. Miss Payne was married in 1891, and when she took the witness stand it was as Mrs. N. J. Horton of Los Angeles.

In view of the fact that Bryant had sworn that the witness lived in the city in June, 1892, on or near June 1 by him from Mr. Fair, the testimony of Mrs. Horton is quite important. Bryant said he was talking with Mr. Fair about Miss Payne's alleged claim when Mrs. Craven entered the room, and she was introduced by Mr. Bryant as his wife.

Under cross-examination Mrs. Horton gave a full account of her story.

Charles S. Neal, manager of the Fair estate, was next called. He testified that James G. Fair was worth over \$10,000,000 at the time of his death in 1891. When he signed the marriage contract, Mr. Neal declared that the signature thereto was never written by Mr. Fair. The famous open house note and pencil deals were declared by the witness to be forgeries.

J. HARDY'S WILL FILED FOR PROBATE.

The will of the late Lowell J. Hardy, who died on the 9th inst., has been filed for probate by his son, Lowell J. Hardy Jr. The estate consists of notes, mortgages, cash and realty to the value of about \$200,000. The will is as follows:

"Know all men by these presents: That I, Lowell J. Hardy, a resident of the city of Oakland, in the State of California, being of sound and disposing mind and having in view the first and just claims of those among whom in my judgment my property should be distributed, do hereby in pursuance of said judgment make and declare this to be my last will and testament, hereby revoking any and all other wills made by me.

"First—I hereby give, devise and bequeath all of my property of every kind and description as follows:

"To my son, Lowell J. Hardy Jr., the one-third part thereof.

"To my son, William H. Hardy, the one-third part thereof.

"To the children of my deceased daughter, Eliza J. Holland, the remaining one-third part thereof.

"Second—I declare that all advancements, if any, which I have made or may hereafter make to any of my children or grandchildren shall be considered as gifts to them and not as a part of my estate, and I direct that the same shall not be charged against them or accounted for in the administration or distribution of my estate.

"Third—I hereby appoint and nominate my son, Lowell J. Hardy Jr., to act as the sole executor of this will and testament, and I direct that no bond shall be required of him at any time as such executor.

"Fourth—I hereby give unto my said executor full power and authority to lease or sell any of all of my real estate or personal property when and in the manner he may deem advisable, without any authority of any court therefor.

"In witness whereof I have subscribed my name and affixed my seal to this will this 1st day of March, A. D. 1898, at said city of Oakland.

"LOWELL J. HARDY."

The will is witnessed by W. C. Halsey of 46 East Twenty-fourth street and A. S. Grant of 281 Twenty-fourth street, San Francisco.

The names of the grandchildren named in the will are Edward N., William H., Mabel E., Lowell J. and Daniel D. Holland.

TARDY JUROR IS FINED IN COURT.

Juror Colby Collins of Alameda will have to contribute toward the payment of the jurors who are trying the case of Chris Spreen, who is charged with stealing a calf. This is the result of his having been forty-five minutes late in court this morning.

The Spreen case was set for further trial before Judge Greene at 9 o'clock. Collins arrived at 9:45 o'clock. The court had been kept waiting for him during that time. When he arrived Judge Greene said:

"Mr. Collins, it costs the county \$650 an hour to try this case. You are three quarters of an hour late. You may figure out how much you will have to pay at the conclusion of this trial."

Collins made no reply. He took his seat among the other jurors in a rather crestfallen manner. The trial was then commenced. The case was argued and submitted to the jury this afternoon.

It is estimated that Collins will be \$500 out of pocket on account of his tardiness.

PORT COSTA WRECK.

Associated Press Dispatches by
The Tribune's Special Leased Wire.
SAN FRANCISCO, May 14.—A collision occurred near Port Costa today between two freight trains and an engine and several cars were derailed. The accident is said to have been caused by carelessness in switching. The engine and firemen of the derailed train jumped into the water and were not injured. One man named Flynn was slightly bruised.

THE METHODISTS.

CHICAGO, May 14.—The Methodist Episcopal conference today adopted a motion made by Bishop Hurst that a commission be created by the general conference, consisting of one member in each general conference district, to select the 129 delegates to the Ecumenical Methodist conference in London.

Sent to Penitentiary.

Editor TRIBUNE—I wish to express through the columns of your paper my heartfelt gratitude to Attorney Thos. Baylis, who so ably defended me in my recent trial. I solemnly promise him that the hour of my release from custody will mark the beginning of a life redeemed by his words, which will ever live in my memory.

THOS. BAYLIS.

Baylis was sentenced to one year in the penitentiary for horse stealing.

Peck Makes Reply.

Editor TRIBUNE—In regard to the article wherein I am quoted as again living with Mrs. Peck, I wish to state that I have not seen her since she began suit for divorce, and have had no thought of re-marrying her.

RAYMOND B. PECK.

Arraigned on Serious Charge.

F. Eskilson, who is charged with stealing money from Mrs. Phoebe Hearst while superintending the construction of Hearst Hall in Berkeley, was arraigned before Judge Quinn this morning, and had his preliminary hearing set for next Friday.

Quite an interesting game of baseball was played yesterday afternoon between the Market Stars of Oakland and the Olanders of East Oakland, which resulted in the defeat of the Olanders by a score of 11 to 5.

SPECIAL ANNOUNCEMENT

CLOSING OUT SALE

OF THE ENTIRE STOCK OF
Black and Colored Dress Goods
Silks, Velvets, Trimmings,
Linings, Table Linens,
Flannels, Blankets, Spreads,
Comforters, Sheetings,
Towels, Lace Curtains,
Ladies' and Gents' Hosiery and
Underwear, Notions, Etc.

FLYNN

1117-1119 BROADWAY
Bet. 12th and 13th Sts.

It will pay intending purchasers to call and examine our goods and prices, as an early inspection will convince all of the sincerity of our purpose.

DECISION IN WATER CASE.

(Continued From Page 1.)

NEELEY'S HEARING.

Associated Press Dispatches by
The Tribune's Special Leased Wire.
NEW YORK, May 14.—In speaking of the requisition for the extradition of Charles F. W. Neeley, the chief of the Finance division of the Postoffice Department of Cuba, who is charged with embezzling funds and is now out on bail, United States District Attorney Barnett said today:

"I have received the requisition papers from Washington and have communicated with Governor Roosevelt in regard to the hearing which is always allowed the defendants in extradition cases. I presume the hearing will be heard not later than Wednesday."

CONVENTION OF THE ENDEAVORERS

Associated Press Dispatches by
The Tribune's Special Leased Wire.
STOCKTON, May 14.—The big pavilion, wherein the State Christian Endeavor Convention will convene next Thursday evening, presents a busy scene. Seats for over 4,000 people are being put in, and decorators are at work.

It is expected that by tomorrow delegates will begin to arrive, and by Wednesday they will swarm the city, to be on hand for the concert Wednesday evening, in which a chorus of 200 voices, besides several soloists, will be heard.

Arrangements were completed today whereby the Southern Pacific Company will have a ticket office in the building that those in attendance from outside Stockton may secure return tickets for one-third fare.

INJURED IN A RIOT.

Associated Press Dispatches by
The Tribune's Special Leased Wire.
CHICAGO, May 14.—Several workmen were injured in a fight which took place today in front of a building in course of construction at 29 Seelye avenue. A riot call was turned in and upon the arrival of the police the crowd scattered, leaving M. L. Brown, a non-union iron worker, on the ground suffering from a wound in the head. He was removed to the hospital, but the police were unable to make any arrests. Half a dozen others received wounds from flying bricks and scraps of iron, but left the scene unassisted. The trouble arose over the employment of some non-union men on the structure.

Is the Best Teacher Use Acker's English Remedy in any case of coughs, colds or croup. Should it fail to give immediate relief money refunded. 25 cts. and 50 cts. OSGOOD BROS., 7th and Broadway.

DEATH SUMMONS MRS. E. W. GAGAN.

SAN FRANCISCO, May 14.—Mrs. E. W. Gagan, the wife of William Gagan, who founded the Oakland Times in the sixties, died at the home of her son, G. W. Gagan, in this city today.

She was a resident of Oakland for many years and it was there that the family was raised. Gagan and his wife were friends of Abraham Lincoln.

They came to California at the solicitation of Orin A. Sargent, and afterward were friendly with Leland Stanford and Dr. Samuel Merritt. Mrs. Gagan also leaves two married daughters Mrs. Fred Babcock, of New York and Mrs. J. B. Poulitney. She was a native of Syracuse, New York, aged 63 years old.

Bought Grocery Store.

Harry E. Scott of Pacific Grove has bought the grocery store of Capt. W. R. Giff at 128 Twenty-third avenue, East Oakland.

IMPORTANT AUCTION SALE.

Tuesday May 15, at 10:30 a. m.
on the premises 443 San Pablo ave. corner 19th street. We will sell all the furniture, carpets, ranges, bedding etc., of an apartment house of 18 rooms, per order of Mrs. H. P. Scranton on account of Departure. Comprising in part:

Five oak bedroom sets with wire and top mattresses, 2 walnut sets, one combination folding bed, two elegant ranges, five small cook stoves, odd beds and bureaus, couches, carpets, curtains, crockery, bedding of every description, chairs and tables, in fact everything needed in an up-to-date lodging house. Terms cash. Sale absolute.

E. C. LYON, General Auctioneer.
LOUIS SCHAEFFER, Auctioneer.

C. W. Kinsey, Dealer in New Style Household Furniture, Carpets, Ranges, Etc.
Modern furniture bought, exchanged or sold on installment payments. Cash discount 10 per cent from installment prices.
412-414 Thirteenth street.

MURDERED BY A HORSE THIEF.

Merced Rancher Shot By Santa Clara Fugitive.

Associated Press Dispatches by
The Tribune's Special Leased Wire.
SAN JOSE, May 14.—About ten days ago a horse and a shotgun were stolen from the Wandell ranch, back of Mount Hamilton. The crime was traced to Charles Bailey, a man past 70 years of age, who had been working about the ranch. The officers sent out descriptive circulars and traced him to the San Joaquin valley.

Today the Sheriff received a telegram from Merced saying that Bailey had shot and killed a man there. He remained over night at a ranch house, sleeping in the barn. When the proprietor came out in the morning to milk the cows Bailey deliberately killed him with the stolen shotgun. He had sold the horse. Bailey is reported to claim that the man he shot owed him money from thirty years ago.

Manslayer's Sentence.

SEATTLE, Wash., May 14.—Barker, found guilty of manslaughter for killing Charles Johnson here three months ago, was sentenced to fifteen years' imprisonment today.

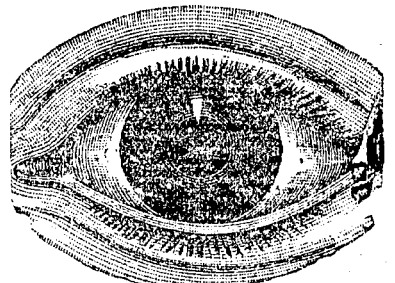
Died.

PIERRE—In Berkeley, May 11, 1900, Eleanor R. Pierre, a native of Bangor, Me., aged 61 years, 9 months and 8 days.
POSCHWITZ—In Alameda, May 12, 1900, Elizabeth Margarethe Poschwitz, a native of Wurtemberg, Germany, aged 82 years, 10 months and 12 days.
FAIRBANK—In this city, at 152 Eighth street, May 14, 1900, Maud Elmhurst, beloved wife of W. S. Fairbank, a native of Kansas, aged 35 years, 11 months and 8 days.

NOTICE--CREMATION.

Odd Fellows' Cemetery Association.

SAN FRANCISCO, CALIFORNIA
If the deceased was a member of a SOCIETY OR OF ANY ORGANIZATION having a presiding officer and secretary, the charge for cremation and a copper receptacle for the ashes is \$50. The same charge to members of the family of such deceased.
GEORGE R. FLETCHER, Superintendent



We have the latest and most approved apparatus for
ACCURATE EYE-TESTING

E. H. NOE
Optician
460 Seventh St. (nr. B'dway Station)

PEOPLES' SHOE STORE

1014 WASHINGTON ST.
BET. 10th and 11th.

DISSOLUTION SALE

In order to meet the obligations from the late firm from the stock at once, I will dispose of my present line of fine shoes at

60c ON THE DOLLAR

Sale beginning Tuesday, May 14. Great bargains in Ladies', Men's and Children's Footwear.

B. GOLDBERG, Prop.

Too Late for Classification

LOST—Sunday, at Freeman's grounds during Reliance vs. A. Olanders baseball game, a lady's purse containing money, gold pencil, etc. Finder please return to 508 Fourteenth st., East Oakland, and receive suitable reward.

WANTED—Girl over 15 years to care for young child after 9 A. M.; must sleep home; references required; only three in family. Address Mrs. Tucker, 566 Tenth st., Oakland.

TO LET—Two furnished housekeeping rooms at 1161 Franklin st., opposite narrow gauge depot.

WANTED—Bright young man for office work, must be able to read writing rapidly. Address box 49, Tribune office.

WANTED—Girl for upstairs work, sweeping, etc.; Scandinavian preferred; wages \$25. Apply 1403 Jackson st., cor. Nineteenth, Tuesday or Wednesday.

TO LET—Furnished front room, with small unfurnished room for kitchen, cheap. Address box 41, Tribune.

A GOOD GIRL wants position in private family; first class cook. Call 1538 Brush street.

FOR RENT, unfurnished—\$25 per month, fine large sunny cottage of eight rooms, on Seventh ave., East Oakland; first class. George W. Austin & Co., house renters, 1008 Broadway, near Tenth st.; phone red 666. Office open evenings.

We are the Only Store

THAT HANDLES THIS MAKE OF HIGH ART CLOTHING

The Right Store

You can buy a suit of clothes anywhere if you are easily satisfied and not particular about the style and fit.

If you want clothes that will look right and keep their shape, come to us. We have the trade of the men who are hard to please.

Our Hart, Schaffner & Marx suits will satisfy the most critical.

H. S. & M.

They're the kind advertised in all the leading magazines and worn by good dressers everywhere.

C. J. HEESEMAN

CLOTHIER, FURNISHER AND HATTER FOR MAN AND BOY

1051...1053 Broadway

CORNER ELEVENTH ST

CITY OF BERKELEY

WEATHER RECORD IN BERKELEY DR. BROWN TALKS TO THE STUDENTS

U. C. Observatory Makes Showing for the Month. Delivers the Annual Class Sermon at Berkeley.

Berkeley, May 14.—The weather report from Berkeley, U. C. Observatory, for the month of April, is as follows:

North latitude, 37° 52' 23.7"
Longitude west from Greenwich, 122° 15' 40.7"
Height of station above sea level, 320 feet
Barometer, inches, 29.96
Mean barometer for the month, 29.96
Highest barometer for the month, 30.17
Lowest barometer for the month, 29.70
Monthly range, 0.47
Greatest daily variation, 0.47
Least daily variation, 0.10
Mean daily range of temperature, 1.16
Mean lowest temperature of the month, 56.0
Mean highest temperature of the month, 65.6

Thermometer, degrees.
Mean temperature of the warmest day, 65.0
Mean temperature of the coldest day, 56.0
Maximum temperature, 70.0
Minimum temperature, 50.0
Monthly range, 20.0
Greatest daily variation, 20.0
Least daily variation, 10.0
Mean daily range of temperature, 1.16
Mean lowest temperature of the month, 56.0
Mean highest temperature of the month, 65.6

Precipitation, inches.
Dew and fog during same period last year, 1.54
Rainfall since July 1, 1899, 24.36
Rainfall during same period last year, 25.81
Dew and fog since July 1, 1899, 0.91
Days on which rain fell, 16
Relative humidity, per cent.
Mean relative humidity of the month, 86.4
Greatest daily variation, 3.0
Least daily variation, 1.0
Maximum humidity, 90.0
Minimum humidity, 80.0
Monthly range, 10.0

Weather, days.
Number of clear days, 8
Number of fair days, 9
Number of cloudy days, 7
Total, 24
Of the total number there were:
Foggy days, 1
Days on which rain fell, 16

BERNIER Is a master of his art—and EXCELLENT work performs in every point and part; ARE painting and decorating, his particular forte, Cheap material he uses, but paints of the very best sort; If you ring 'Phone Red 3842, you'll prompt attention meet; EVERY job, done by **BERNIER** is up-to-date and neat; REMEMBER the Painter and Decorator, 466 Tenth Street.

Interesting Notes About the Men at West Oakland--In Yard and Shop.

Business continues lively at the West Oakland railroad yards. Sugar, coal, lumber, hay, produce and live stock are among the principal commodities being moved. Besides this there is a steady business in through shipments of staple goods and merchandise. Hay and green produce are being shipped in considerable quantities and make quite an increase in the local business. The fruit traffic is also picking up. While most of the fruit is shipped in car lots, there is a good deal of it that has to be handled on the transfer platform. Small consignments which arrive in different cars and are destined to the same point are taken from their respective cars and loaded into one car to save space and cars. During the first season the work in this respect is very heavy, combined as it is with the regular transfer work.

While the shipments of live stock are still heavy, there has been a slight falling off of late. This decrease will continue the summer draws nearer. Stock shipments are always heavier during the winter months than in summer, owing to the greater consumption of meat. Coal shipments have been very heavy of late. Most of it has been for the company. Several large piles of coal have been stored in various places in the yard. The last pile stored is Nannimo coal. Foreman Duffy and gang are still working on this pile. The Nannimo is the last steamer discharging Nannimo coal. She brought a cargo of 6,000 tons.

Sugar shipments are steady and, at times, very heavy. The rush occurs when two or more ships arrive at one time. Agent Dickinson puts an extra force of men to work and the cocons are loaded as rapidly as possible. The vessels carry on an average of from 10,000 to 25,000 bags of sugar. The average car holds about 60 bags. This makes an average of nearly fifty carsloads to a vessel. The average value of a carload of sugar is about \$2,500. A thirty car train of sugar, which leaves West Oakland very frequently represents a value of \$75,000.

Shipments of lumber are very steady. There are always a number of coast vessels discharging lumber at Long wharf. A large part of the lumber is shipped by the Southern Pacific Company for construction purposes. The many improvements that have been made in the lumber business have resulted in a enormous quantity of lumber, ties and poles. Besides the company freight, there is a large run of commercial consignments.

The freight shipments from Long wharf constitute a small part of the business of the yard. The yard is kept busy all the time hauling loads from the wharf and switching them into trains to take to various destinations. When there is a rush of business it keeps the yardmen working pretty lively to keep the yard in order. General Yardmaster E. E. Dillon and Yardmaster Hackett are often in difficulties to keep the yards clear and prevent accidents. It requires most of considerable experience to handle the work properly.

A present the yards are comparatively free from cars. Most of the Atlantic system cars that have been held for sugar have been sent East with the "hold" cars. The "hold" cars for the islands has also been sent to San Francisco for shipment. This leaves the yards in very good condition as a rule.

CONDUCTORS' EXCURSION. The much-talked-of conductors' picnic to Mirabel Park is to take place Saturday afternoon. The excursion is made for the entertainment of a large crowd. A special train will leave the Tiburon ferry at 10 o'clock. The excursion is made for the entertainment of a large crowd. A special train will leave the Tiburon ferry at 10 o'clock. The excursion is made for the entertainment of a large crowd. A special train will leave the Tiburon ferry at 10 o'clock.

LONG WHARF. Affairs have been moderately lively at Long wharf during the last week. The sugar business has been very fair. Most of the vessels at the wharf have been coast steamers with cargoes of lumber.

Chas. Nelson finished discharging last week. The cargo consisted of three sugar ships were: Centennial, 25,000 bags; Charles Nelson, 1,800 bags; Antiope, 23,000 bags. The latter is being discharged. Among the coasters that have been discharging lumber and ties are: Scotia, Lear, Westport, Point Arena, and South Coast.

The Noyo has been discharging lumber. The cargo consists of three sugar ships were: Centennial, 25,000 bags; Charles Nelson, 1,800 bags; Antiope, 23,000 bags. The latter is being discharged. Among the coasters that have been discharging lumber and ties are: Scotia, Lear, Westport, Point Arena, and South Coast.

NEW TIME CARD. Yesterday a new time card went into effect. The only change of any importance is that the time for leaving the yard is now 10:30 a. m. instead of 10:00 a. m. The time for leaving the yard is now 10:30 a. m. instead of 10:00 a. m. The time for leaving the yard is now 10:30 a. m. instead of 10:00 a. m.

NEW BOARDING HOUSE. Miss Kate Maher, the genial and popular proprietress of the Colonial boarding house on Castro street, has transferred her place of business to the Lorne, on Eighth and Clay streets. The latter house was formerly the property of Mrs. Miller, a few days ago. Most of Miss Maher's boarders have taken rooms at the new place. The new proprietress, Mrs. Miller, a few days ago. Most of Miss Maher's boarders have taken rooms at the new place.

C. A. Garson, general superintendent of the Pullman Car Company, was inspecting the company's property at West Oakland last week. He was accompanied by J. F. Meahan, who has charge of the Pacific branch of the company.

Indigestion will lead to general weakness. The Bitters invigorates the blood and revitalizes the entire system. It cures Stomach, Liver and Kidney ills. No one who uses it need have Constipation, Dyspepsia or Biliousness.

Tomorrow the Pullman Company will commence the clearing of its coaches and sleepers at West Oakland. A force of about thirty-five men will be employed. About fifteen cleaners now in the service of the Southern Pacific Company will go into the service of the Pullman Company.

SECURES NEW POSITION. Frank Eustace resigned his position in the machine shops Friday to accept a position as machinist in the Navy Yard at Mare Island. He has been in the employ of the Southern Pacific Company for several years and is very popular with his fellow-workmen. At 5 o'clock, when the day's work was over, the employees in the shops tendered their departing comrade a farewell reception by ringing the bells of all the locomotives in the shops for repairs. This custom was inaugurated a few days ago, when Eugene Miller left the employ of the company. The din produced by the confusion of bells is almost deafening.

THUMB CRUSHED. John Newton of the machine shops met with a painful accident Friday afternoon. He was adjusting a spring on an equalizer being attached to engine 113. The machine slipped and the thumb of his right hand was caught and crushed below the first joint. The injury will necessitate his laying off for several days.

VIOLET ATHLETIC CLUB. The Violet Athletic Club gives a social affair every Wednesday evening at its clubrooms at Seventh and Kirkham streets. The club is very popular and is taking in new members every week.

NEW STORE BUILDING. A new building is being erected in the shipyards. It will be used as a store-room and office building for the different foremen. Among those who will have offices in the building are Foremen Bruce, Monk and Cooper. Foreman Allison will have charge of the construction work. The building will be 140 by 40 feet. One part will be partitioned off and will be used to store the various materials used in the shipyards. This will be a great convenience, as it will not only protect the materials from the weather, but will also provide a place where they can be stored in order. The foremen will also be able to inspect the work and the convenience of having a building for their offices.

WERE ONLY "JACKS." William H. Ripley of the machine shops was thinking a few days ago of leaving the employ of the company to start a Belgian hare rabbitry. He purchased a pair of hares, but he was not satisfied with the result. He was only ordinary "jack-rabbits." Ripley says he will give up the rabbit business and return to his old trade. On Friday ten boys of ambulance supplies passed through West Oakland on the way to San Francisco. The shipment was consigned to the company at the Presidio, but will probably be sent later to the Philippines. All of the ambulance supplies are marked with the Red Cross mark. The shipment came from East.

NOTES AND PERSONALS. J. B. J. a carpenter, fell from the top of a building near the mill Thursday and was seriously injured. He was taken to the Emergency Hospital and later removed to his home.

Messenger Riley has been spending several days at Placerville. Messenger Murrell has been taking his place at West Oakland.

Chief Clerk J. H. Burnham of the yard office has been in Friday and laid off. His place was taken by Frank Douglas.

Clerk W. Breteville of the Penitentiary Prison shop has been spending a fifteen days' vacation at Sunol. In his absence Assistant Clerk Hunter has been in charge of the shop. He was assisted by E. H. Elmore.

Harry Gray has been transferred from the passenger yards to the freight yards. Switchman Gentry has been assigned to the position of foreman of the engines in the passenger yards.

The steamer Enchirid is laid up for repairs on account of the accident during the storm Friday. The Newark is taking her place.

Vice-President Johnson of the Chicago, Island and Pacific has gone East in his private car.

The general manager of the Atchafalaya, T. A. S. F. has gone East in private car A. T. and S. F. 100.

W. O. Johnson, attorney for the Erie Railway, has gone East in car 301.

S. A. McKeon, attorney for the Santa Fe, has gone East in private car A. T. and S. F. 214.

Assistant Master Mechanic D. P. Kellogg left Saturday for a trip to Mendocino.

Frank Perry of the material office of the car department has started a rabbitry with the railroad company to go into the saloon business. His license was taken a few days ago by the City Council.

Joseph Grayson, leader of the Oakland Concert Band, and other members of the band will leave for Cape Nome shortly, where they will operate a patent food machine. The band is under the direction of Morse of the car department, who is a member of the band, will not be able to accompany the party.

T. McCarthy is spending a couple of weeks at Hanford.

Walter Welch of the car department was recently in Sacramento.

Conductor J. Carey has been ill for a few days.

Harry Cummings of the machine shops was a staunch adherent of Jeffries in the big fight.

George James of the machine shops has been ill for several days.

Some dredging is still being done to deepen the channel to the ways.

Work is rapidly progressing on the new building for the general store, which is being constructed near the mill. The frame work is all finished.

Miles Searles, Jr., is taking an inventory of all of the pumping plants on the division.

R. Stewart of the division was off duty a few days last week with the grip.

Foreman Beal of the Crockett works has several rush orders on hand for crockets and ties and piles. The works are running at full blast.

Jack Muir of the division store is spending a couple of weeks in the country with his wife.

Harry Carman of the machine shops returned from a two weeks' visit in San Benito county.

Fred Myrick, brother of J. B. Myrick, a two months' stay at Cape Nome. He is thinking of going to Cape Nome.

Engines 1051 and 141 have been turned out of the shops.

Engines 1028, 1565, 1287, 1178, 1633, 1494, 1323 and 1020 are still undergoing repairs.

Naval Constructor Hibbs of Mare Island was visiting the West Oakland shops a few days ago.

Engineer James Maloney has left his position for a two years' visit in Europe.

Messrs. Patterson and Amann of the Galena Oil Company were visiting at West Oakland last week.

The Southern Pacific Company secures oil from their company.

W. J. Taylor was recently in Sacramento.

Assistant Night Foreman J. J. Dignan was recently in Sacramento.

The following foremen have been promoted to the main line: Messrs. Elven, Hoberg, Dannaker, Griffin, Mulvey, Berling and Morris.

Foreman W. H. Wansley has been laying off for a few days.

Foreman F. B. Whistler of Tracy is visiting in this city.

Engineer Curtice has been transferred from Tracy to Oakland.

Foreman William Hogarty of the Hayward shops expects soon to take an examination for engineer.

Night Foreman George H. Patterson of the round house expects to return to work this week. He has been ill for about two months and has been staying at his ranch at Mountain View.

Foreman Hook of the Owl train has been laying off for a few days. Foreman B. Madden has been taking his place.

Best Repp, who is in the employ of the Pullman Company at Nashville, Tennessee, is visiting friends in this city. Mr. Repp was formerly employed at Oakland Pier.

Pat Hangle, a boiler washer, started for a revenue cut. He got as far as Seattle and then concluded to return to Oakland. He sold his outfit and has returned to work at West Oakland.

Best Repp, who is in the employ of the Pullman Company at Nashville, Tennessee, is visiting friends in this city. Mr. Repp was formerly employed at Oakland Pier.

Tootsie Gates was recently in Lathrop on railroad business.

George Hall of the transfer platform is still off duty on account of illness.

Court Notes. Notice has been filed that a motion will be made on Monday May 14, to dismiss the damage action of H. W. Ahern against the Southern Pacific Company on the ground of lack of due precaution and want of legal standing.

Notice of appeal has been filed in the action of Harriet A. Chipman against V. Harriet, B. Boyd and others. Harriet A. Boyd has been granted letters of administration on the estate of A. J. A. Perkins, deceased.

C. O. G. Miller, Edward Kruse and Moller Seales have been appointed to administer the estates of George Frank and others, minors.

CASTORIA For Infants and Children. The Kind You Have Always Bought Bears the Signature of *Dr. J. C. Watson*.

ALLEGED WORK WAS NOT DONE PROPERLY. Louis and Mary Blint, who are being sued by W. T. Lingard for wages alleged to be due for work performed on a new building at the new bridge, have been granted a temporary injunction to prevent the plaintiff from doing any more work on the building until the case is decided.

DYSPEPSIA Can Be Cured by Using Acker's Dyspepsia Tablets. A little Tablet will give relief or money refunded, sold in handsome tin boxes at 25 cts. OSGOOD BROS., 7th and Broadway.

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Quick Meal, Wickless, Blue Flame Oil Stoves \$9 50
Have a few 1899 pattern left. While they last \$8 50
Ovens \$1 35 to \$1 95
Good Gas Shelves, 2-burner . \$2 00
Tubing for same 5c per foot
HAMMOCKS from \$1.00 Up.
Refrigerators, best make good size, hard wood, \$10 50.

COOK STOVE (as cut) set up—Complete for \$21.00.

Garden Hose, best makes, from 6c to 20c per foot. Call and see me.

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Water vs. Whiskey in Nome. Whiskey is a necessity in Nome because the water is so bad there and therefore if you go to Nome be sure to take some

ATLAS BOURBON of Mohns & Kaltenbach's, 29 Market St., S. F. along. That firm is doing the biggest Nome trade and knows exactly what is wanted. Some good brands such as is put up by them is also available, and Celery Peppin Bitters is the best preventative of fever. Be sure to buy your supplies of the goods you have to pay five prices in Nome.

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The most powerful Christian play ever written
A brilliant array of scenic and costume splendor
Two, and fifty people in the cast.
Matinee Sunday at 2:15 P. M.
Seats on sale at Smith's Drug Store, 406 Twelfth
St., and at Box Office. Prices, 10c, 20c, 30c.

SLATE INDUSTRY IS COMING TO THE FRONT IN CALIFORNIA

Quietly and unostentatiously, Oakland has become the headquarters of the slate industry of California. This is a fact, the realization of which brings this city to the front in the building world. It means a liberal addition to the accumulated wealth of its citizens and paves the way for other achievements in the world of business speculation and enterprise. With this fact there are hundreds of people in this city who have been unacquainted and reference is made to it now simply because of the prestige which it gives to the municipality and the foresight of local residents who have embarked in the enterprise with the certainty of returns of the most encouraging character.

ENTERPRISE ESTABLISHED.
This achievement has taken shape in the organization of what is known as the Eureka Slate Company, the president of which is William J. Dinger, the well-known real-estate man. The vice-president is Walter C. Beattie, the secretary, Frank A. Losh, and the manager, W. A. Winsboro.

The capital stock is \$200,000, and the quarry of the company is located at Kelsey, which is about six miles from Placerville, in El Dorado county. The company has a warehouse in Placerville, in San Francisco, and at Fourth and Washington streets in this city. It is making arrangements for the establishment of agencies and warehouses in other places throughout the State, and there are hosts of people who are anxious to assume control of the same.

GROWTH OF THE INDUSTRY.
In a manner which has not been noticeable to the average man of business, the slate industry has become one of the most important of the times. Slate, in itself, is not so valuable as gold, but there is less of it in value to be had in this country than there is of the precious metal. In order to bring it within the reach of the builders, men have to toil and toil in slabs, pits, tunnels and caverns beneath the surface of the earth, in fact, in about the same manner as they do when they seek for gold-producing ore. California has no gold mines and from these annually not fewer than \$15,000,000 are taken. At the same time, she has only one successful slate quarry, and that is the property of the Eureka Slate Company, which forms the subject of this article. With the growing demand for slate as a material for roofing, there is a certainty of ready sale for the output of this quarry and a return on the investment, which means an independent fortune for the producers.

KEEPS MONEY HERE.
Such a state of facts is encouraging for



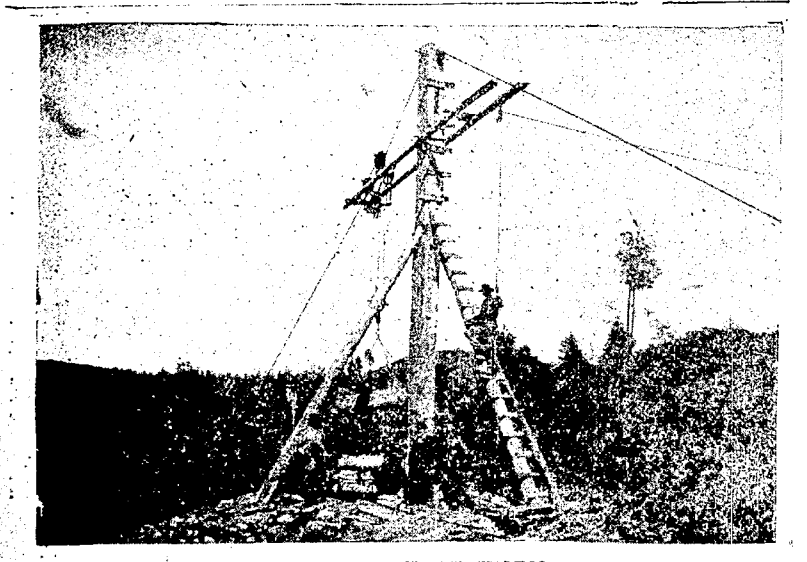
A "SINK" IN THE QUARRY.

the reason that the establishment of this company and the working of this quarry mean the retention in this State, and, especially in this city, of money which has heretofore gone to Pennsylvania, because what California is in the matter of gold-bearing quartz, Pennsylvania is in the production of slate. To Pennsylvania, up to the present time, millions of dollars have gone for roofing material, the cost of which has been greatly augmented by the railroad tariff. Up to the present 30 per cent of the dark blue slate came from Pennsylvania. With a quarry within the limits of this State there is no necessity for contractors to go abroad for their roofing slate, a fact which is now generally recognized and which keeps the Eureka Quarry Company busy supplying the demand.

AN INTERESTING ENTERPRISE.
There is, ordinarily, a great amount of interest in an undertaking of this kind, and that interest is intensified when the enterprise favors of novelty, even to people who have had so much to do with dealing in the earth in quest of treasures hidden there. With a view of catering to that interest, THE TRIBUNE, to-day, presents the result of a visit of one of its attaches to the slate quarries at Kelsey a few days ago, with the certainty that it will be worthy of the attention of its readers.

SLATE FOLLOWS GOLD.
The mother lode of California gold runs through the town of Placerville, but it is now worked out. Fortune have been made out of it, and the men who have made them have gone elsewhere to spend them or have passed out of notice or into eternity under various circumstances. The little town of Placerville, however, still holds its own, and now, that the drain of the gold has been followed by the discovery of the slate just beyond her limits, she hopes for a revival of other days, when her streets were alive with men and money, and everybody was contributing to the fair fame and wealth of the State of California.

BEAUTY LINKS THE ROAD.
From Placerville to Kelsey is a drive of but six miles. The way leads over a fine mountain road, which the Supervisors of El Dorado county keep in excellent condition. Along the route, the tourist is always in sight of a view which is entrancing. The way is guarded by creling mountains, the sides of which are tufted with emerald, accentuated here and there with a variety of thick and broad trees of various kinds, all fresh



THE DERRICK AT WORK.

and bright in leafage, and, in many cases, attaining to unusual height. By the roadside, at times, run mountain mills, or sluices. The American river and other streams have to be crossed, but this is made very easy by means of well-made well-kept bridges, an accommodation which is denied to travelers and residents in less interesting counties.

For the greater part of the distance, the ear of the stranger is saluted by the sound of falling or rushing water, which sounds so fully in ears accustomed only to the hum and bustle of the marts of trade. Every turn in the road reveals a beautiful prospect and, as a consequence, the stranger experiences a succession of delightful scenes the time he leaves Placerville until he is landed at the Eureka quarry, where he finds the bustle and activity of an industry which means so much for California.

QUARRYING SLATE.
W. A. Winsboro, the manager of the quarry, is always on the ground, and is always pleased to explain to visitors the manner by which the slate is produced. The excavation is a simple one, but the manner in which the work is carried on by the workmen is an object-lesson which cannot be otherwise than appreciated.

The quarry is situated on a reservation of 200 acres, owned by the Eureka Slate Company. The land is rich in mineral deposits, and especially in slate, and at present, a breast of this article in one place only has thus far been exposed. It is that operations are being continued and it is from this place that the slate which is now being placed on the market is taken.

THE QUARRY.
The quarry represents a space of 500 feet frontage, with about the same depth, and a face of rough, irregularly risen rocks about 20 feet high, which show the seams and veins which come from the work of the drill and the blasting which comes from explosions. The bed of the quarry is, generally speaking, about 20 feet below the surface of the road, and still below the floor of the quarry is a sink about 100 feet square, from which place the men are now taking the choicest kind of slate.

Across the chasm extends a steel cable one and 3/4 inches in thickness. This cable is anchored in the solid rock on one side and runs over an immense mast on the brow of the hill which overlooks the quarry.

IN THE AIR.
On this cable is operated an aerial railway by means of what is known as a cable-way carriage. This carriage works



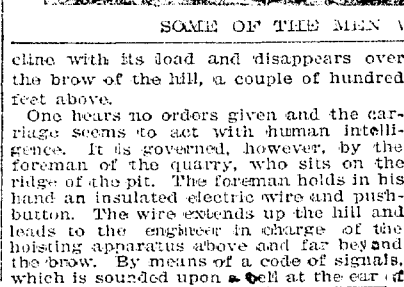
IN THE AIR.

the engineer, the wish of the foreman is made known, although the carriage and its burden are not within sight of the engineer, who stands at the controlling lever until the load rises over the brow of the incline.

QUARRYING SLATE.
In a general way there is not much difference in the manner of quarrying slate and in the manner of quarrying granite, with the exception that more care is exercised in the taking out of slate. After the bed has been located it is a matter of drilling and blasting to get the rock free from the fastening in which nature has gripped it. Formerly this drilling was done by the jumper drill, which means that one man would drill with another man or, perhaps two men, drove it into the rock with the use of the sledges.

In the quarry of the Eureka Slate Company, however, the antiquated jumper and sledge-drilling is unknown, and for it has been substituted the Sullivan steam drill. This requires two men to operate it, while the old jumper drill sometimes required three. And yet the difference in the work performed is most pronounced in favor of the steam drill. The capacity of this drill is about 30 feet, and against this it would be useless to institute a comparison with the labor expended in the old style of drilling.

WORK OF THE DRILL.
The steam drill is placed at a point near the rock which it is desired to take out. With it are half a dozen drills of varying lengths. The drill is fixed to the armature of the machine. Steam is conveyed to the contrivance by means of a rubber hose bound with wire, leading from a 9-horse power engine on the edge of the chasm. The machinery is put in motion and the steel rod which is to penetrate the mountain is given two motions, one in forward direction against the rock and the other revolving toward the right. The wall is assailed with a tireless persistence of a never-ceasing supply of steam and the brow which the steel drill deals to the rock may best be represented by the pattern of raindrops upon the roof in a storm. As a consequence



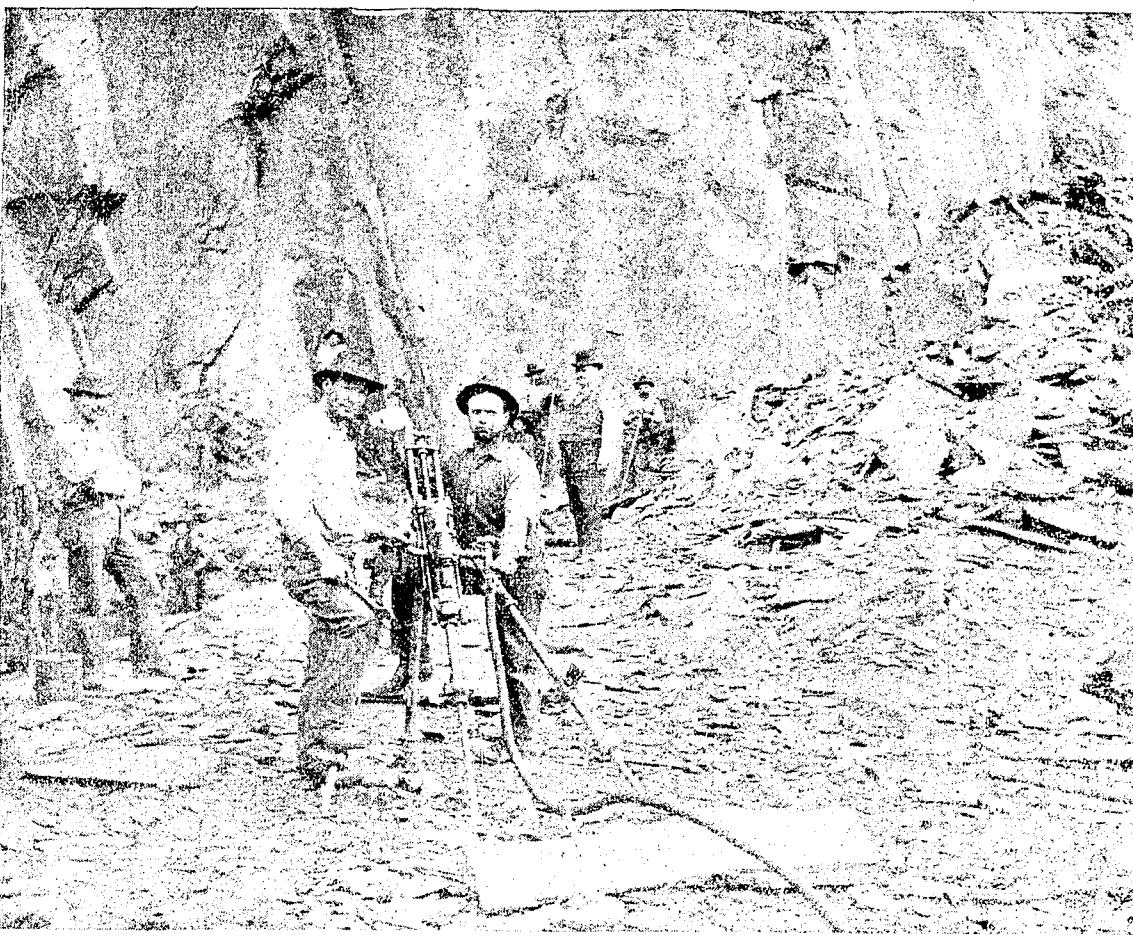
SOME OF THE MEN WHO MAKE THE TESTS.

cline with its load and disappears over the brow of the hill, a couple of hundred feet above.

One hears no orders given and the carriage seems to act with human intelligence. It is governed, however, by the foreman of the quarry, who sits on the ridge of the pit. The foreman holds in his hand an insulated electric wire and push-button. The wire extends up the hill and leads to the engine in charge of the hoisting apparatus above and far beyond the brow. By means of a code of signals, which is sounded upon a bell at the ear of



THE DERRICK AT WORK.



A "BREAST" IN THE QUARRY.

size. This is done by what is known as "plugging" and "scraping." "Plugging" means the drilling of a hole in the rock, which is done by the "jumper" process, placing in the hole so drilled a "dowel," with surrounding "dovets," and then driving home the "dowel" until the rock breaks into several smaller pieces.

"Scraping" consists in cutting a notch on the edge of the rock, then slashing the edge with the "jumper," and then breaking it into convenient pieces by means of a hammer or mallet.

SPLITTING.
After the rock has been broken into pieces of the kind mentioned, an operator takes a heavy chisel and splits it into several smaller pieces of varying size, but generally about two inches in thickness.

These pieces are then taken into what are known as "splitters," shanties, and of these shanties there are several on the hill. The "splitter" has besides him a pair of chisels, one heavier than the other. The heavier one he uses in reducing these slabs into several smaller sheets, splitting them on the edge into a thickness of about half an inch. Then he takes his smaller chisel and subdivides this small slab into still smaller slabs, each having the thickness of three-sixteenths of an inch. That is the thickness of a slate shingle, and so the thickness of the piece is increased or diminished by the splitter, who has that correctness of eye and steadiness of hand which come from a fitness to the calling and from experience and practice.

DRESSING.
The slate at this time, however, is irregular in shape and has to undergo another process before being in a marketable condition, and that is the process of "trimming" or "dressing." This is performed by means of a knife or a straight-edge and a shaper, which is worked by a treadle. By this machine the irregular edges of the slate are cut off, the slabs being given four sides running at right angles to each other. The shaper is the original dimensions of the piece. Attached to the dressing machine is a gauge, by means of which the operator is enabled to cut a slate to any dimensions which the company desires to place upon the market. The shears are so adjusted that the work can be carried on with ease and dispatch. With the use of knives of special shape, the slabs may be fashioned into any shape desired.

STORING.
When the slate is cut as intended, it is placed in piles according to its size. It is later taken to the storage yards, one of which is located on the hill and the other on the level surface above the pit, both of which are illustrated in the accompanying pictures. The Eureka Slate Company makes a variety of sizes of slate, and in this respect it is no different from the great quarries in Pennsylvania, which make only a few sizes. The dimensions of the slate made by this company show that the material may be used in a number of ways and in a number of places. The sizes are 6, 7 and 8 by 12 inches; 7, 8 and 10 by 14 inches; 8, 9, 10 and 12 by 16 inches; 10 and 12 by 18 inches, and 10, 11 and 12 by 24 inches.

SHIPPING.
The slate is now ready for shipment. Nothing remains to be done but to punch it so that it can be fastened to the roof by means of nails. This punching may be done at a slight additional cost if desired at the quarry. If not so desired the punching is left to be done by the roofers, who secure the contract for that purpose.

Every day wagon-loads of slate leave the store yards at the quarry and are drawn over the hills to Placerville warehouses. From that warehouse, in turn, orders are filled for all parts of the Pacific Coast, so that the output is always, so to speak, in motion, and orders are attended to with dispatch.

THE HELP.
There are now 50 men employed in and about the quarry, and it is the intention of the management to increase this number to 100 men. At this writing the capacity of the quarry is about 25 squares of slate per day. To understand what this means it must be stated that a square of slate comprises 100 square feet, with a thickness of 1 1/2 inches.

SLATEMAKERS.
The employees who are engaged in making this slate are experts. They have all come from Eastern quarries, where they have been employed for years. Those who are denominated slatemakers receive so much money for each square which they turn out. These men comprise the "pluggers," the "scrapers," the "splitters," the "trimmers," and the "dressers." These work in gangs, dividing the proceeds among themselves and each man makes from \$1 to \$5 per day. The lowest wages paid to laborers amount to \$2 per day. The wages of workers in other lines range from that sum up to \$3.50. The most of the men board on the ground in a house provided by the company, board being supplied for \$1.50 a week.

The operators are prudent and careful. They are not prone to take chances, and few injuries have been sustained. As a means of preventing such a misfortune, Manager Winsboro has formulated a rule prohibiting any employee from trying to pull out of the rock any charge of powder which may not have exploded. In such cases the order is to drill another hole, and then explode the new charge, which generally carries the old one with it.

EXCELLENCE OF SLATE.
As to the kind of slate which is pro-

bought 300 acres of land and they have no fear of competition.

On this land are other slate deposits which may be worked simultaneously with the deposit which is now uncovered. The Eureka Company having the only slate quarry on the coast, with a demand for slate which is constantly on the increase, may confidently look to the fact that there are no other slate quarries in the State which are in a position to supply the demand.

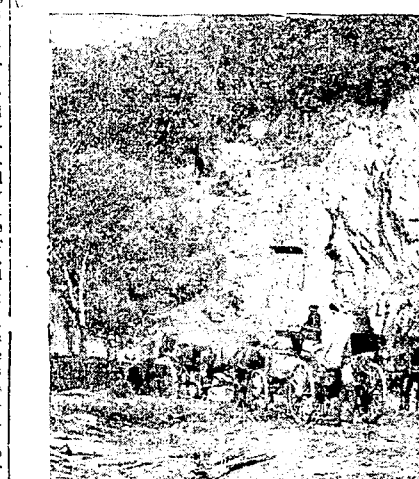
There is no person who will deny to Manager Dinger and Winsboro the fact that they have made use of their training and their money and this use has brought to them a return which, while rewarding them in an ample manner, cannot do otherwise than last to their benefit and the growth of the Pacific Coast and the City of Oakland.

SLATE HISTORY.

Slate in the last thirty years has become an important product in the list of useful minerals deposited by nature in various parts of this country and the world. Starting in Pennsylvania and culminating in California. The quantity of slate produced outside Great Britain, France and the United States is insignificant. In 1878 these three countries quarried \$34,125,000 worth of slate of all kinds. All other countries quarried slate worth \$1,000,000. Great Britain quarries about twice as much as both France and the United States, but this country is rapidly forging to the front in a constant annual increase in the amount of her slate output. Last year the value of this country's slate production was \$2,550,000. The amount put forth in the United Kingdom was \$5,500,000. The largest quarries there are in North Wales, while others of less importance are found in Scotland, Isle of Man and Ireland. France's output is valued at \$3,800,000, Belgium at \$2,500,000, Germany at \$2,000,000, and India at \$1,000,000.

For a number of years this country has engaged in the export trade business in slate with remarkable success. In 1893 \$4,500 worth of American slate was exported; in 1894 \$10,000; in 1895 \$12,000. It is estimated that last year 300,000 squares of slate from this country found their way into foreign countries, principally Great Britain. The export business in many of large sizes of roofing slates.

Regarding the value of the different grades of slate produced in this country in 1895 the United States Geological Survey gives the following figures: Blue Stone,



PART OF SLATE YARDS AND TEAM.

\$1,000,000; marble, \$1,000,000; slate, \$1,725,000; sandstone, \$1,725,000; granite, \$1,725,000; limestone, \$1,725,000.

SLATE HISTORY.

The progress of the slate industry in this country has been made since 1874, when a small quarry was opened in the vicinity of Columbia, on the banks of the Delaware. In 1885 a church was re-roofed with slate at Delta, Pa. The first regular quarry was opened at Mount Beulah, in the Bangor region. In 1890 regular development was made in the Bangor region. The Pen Argyl operations in Pennsylvania



THE HOISTING ENGINE.

every particle of dust or dirt from its dark smooth, brilliant surface.

The company now has 1,000 squares on hand and is ready to meet orders of all dimensions.

The equipment of the quarry is to be duplicated as soon as men and machinery can be procured. As it stands to-day it is the most complete quarry of its kind this side of Pennsylvania, and its complete ness and importance are to be increased as time goes by.

THE MANAGER.

W. A. Winsboro, the manager of the quarry, is a man who has been in the slate business almost from infancy. For thirty years he has followed no other calling, and his experience has been gained in the great quarries in Pennsylvania, which, until recently, controlled the slate business not alone of this country, but to a great extent, of Europe even in Wales, where slate making, it may be presumed, originated. Mr. Winsboro, with his knowledge and experience, made a canvass of the whole Pacific Coast, looking for a first-class slate quarry. He traversed Washington, Oregon and California wherever it was rumored that slate had been found. In the two States first mentioned his search was fruitless. In Shasta county, in this State, he found external evidence of a slate formation. He prospected this, however, only long enough to convince him that the deposit was worthless and that it would be a waste of time and money to try to operate it. He then went to Iowa, and there, at sight, he saw that there was no slate to be had. He then went to Kelsey, and when he ascertained to his own satisfaction that there was not only slate to be had there, but also that it was there in inexhaustible quantities, he and Mr. W. J. Dinger invested their money. They

questionably the best as well as the cheapest roof, as the following will show in the average life of roof materials: Good corrugated iron, 10 years; good shingles, 15 years; good tin, 25 years; good slate, 50 years.

While the first cost of a slate roof may be greater than that of a roof of any of these other materials mentioned, it is equally as cheap, considering the life of the several materials, to use slate were it even nearly four times the cost of any of the other materials. The cost of shingles, for example, is about 10 cents per square, while the cost of slate is about 10 cents per square.

As to the safety of a building from fire when equipped with a slate roof, and the consequent lower rate of insurance, show will not adhere to a slate roof, but will melt and run off, while it adheres to a shingle or tin roof, often long enough to endanger a building. Slate is impervious to snow or rain and unaffected by flying sparks which readily set a shingle roof on fire, often causing a small blaze to expand into a destructive conflagration. A slight breeze will even a shingle roof, while a slate roof, which accumulates on shingles. A shingle roof grows loose, and a tin or iron roof will rather rust, which means decay. Every four years a tin roof must be replaced. A slate roof requires no extra expense for painting or preservation. In rebuilding a slate roof may be taken up and used again. Water from a slate roof which runs into a gutter is pure and can be used for drinking. That from a painted tin or shingle roof becomes tainted, unwholesome and probably poisonous. Such being the case, it will readily be seen that a slate roof is the safer for the home, for a man of moderate means as well as a man well supplied with the world's goods. No public building, school, government building, or any other building, without a slate roof. All the private residences which are now going up for permanent homes, except with slate roofs, and the cottages of poor men are now being covered with them. These poor men's cottages, covered with zinc, show permanency and immediately display the good sense, prudence and tact of the owner.

WHERE USED.
Hosts of buildings could be named which have been covered with slate from the Eureka Quarry at Kelsey, El Dorado county, but a few will suffice to illustrate this point:

Girls' High School, Church of the Advent, Howard, Presbyterians Church, Holy Cross Cemetery, Gas Company's Cypress Lawn Cemetery, (San Francisco), Concordia Club, and in other towns Gov-

ernment Building, Mare Island; R. R. Depot, Stockton; Home for Girls, Glen Elder; State Normal School, San Jose; Mary's College, Oakland; Third Ward School, Oakland; Sixth Ward School, Oakland; First Office, Sacramento; University, Berkeley; Deaf and Dumb Asylum, Berkeley; City Hall, Woodland; Catholic Cemetery, Anaheim; Reform School, Jones; El Baker School, San Francisco; Depot, Ogden; Mt. Olivet Cemetery; Insane Asylum, Ukiah; Church of Christian Science, Belmont; St. Francis Hospital, San Francisco; and the High School at Salinas.

WHAT IS SLATE?
Slate is an argillaceous rock of various colors—blue, green, purple, grey and black—and a peculiar structure, which it readily splits into thin plates or laminae. It is of sedimentary origin, being primarily deposited on ocean floors as mud and formed by the waste and denudation of pre-existing rocks, and afterwards compressed, hardened and altered into compact rock. Slate beds occur mainly in the Cambrian, Silurian and Devonian formations—frequently alternating with beds of grit and limestone, or interstratified with felspathic lava or ashes—and, being tilted up from their original horizontal or nearly horizontal position, stretch across wide districts in the North of England, Wales, and in the North of Scotland, where it is nearly north-north-east and south-south-west, while in Shropshire it is north-east and south-west, and in Pembrokeshire north-west and south-east. This peculiar cleavage structure now existing is the result of a combination of intense forces, chiefly lateral pressure acting at right angles to the planes of cleavage, and contraction, compression, shearing, and other powerful forces have caused great disturbances in slate beds, since they were first thrown down in the sediment, and the results are seen in the folding, contortions, fissures, rents, and dislocations that now exist. The fissures often follow well-defined courses and form divisional places termed joints—some running parallel with the strike and called strike joints, others running in the direction of the dip and called dip joints.

Part of upper slate yards showing slate ready for shipment.